

PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (Chapter I of the Patent Cooperation Treaty)

(PCT Rule 44bis)

Applicant's or agent's file reference ACRY20.PCT	FOR FURTHER ACTION	
	See item 4 below	
International application No. PCT/US2005/027261	International filing date (<i>day/month/year</i>) 01 August 2005 (01.08.2005)	Priority date (<i>day/month/year</i>) 30 July 2004 (30.07.2004)
International Patent Classification (8th edition unless older edition indicated) See relevant information in Form PCT/ISA/237		
Applicant ACRYMED, INC.		

	<p>1. This international preliminary report on patentability (Chapter I) is issued by the International Bureau on behalf of the International Searching Authority under Rule 44 bis.1(a).</p> <p>2. This REPORT consists of a total of 4 sheets, including this cover sheet.</p> <p>In the attached sheets, any reference to the written opinion of the International Searching Authority should be read as a reference to the international preliminary report on patentability (Chapter I) instead.</p>
3.	This report contains indications relating to the following items:
<input checked="" type="checkbox"/> Box No. I <input type="checkbox"/> Box No. II <input type="checkbox"/> Box No. III <input type="checkbox"/> Box No. IV <input checked="" type="checkbox"/> Box No. V <input type="checkbox"/> Box No. VI <input type="checkbox"/> Box No. VII <input type="checkbox"/> Box No. VIII	Basis of the report Priority Non-establishment of opinion with regard to novelty, inventive step and industrial applicability Lack of unity of invention Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement Certain documents cited Certain defects in the international application Certain observations on the international application
4.	The International Bureau will communicate this report to designated Offices in accordance with Rules 44bis.3(c) and 93bis.1 but not, except where the applicant makes an express request under Article 23(2), before the expiration of 30 months from the priority date (Rule 44bis .2).

	Date of issuance of this report 30 January 2007 (30.01.2007)
The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Facsimile No. +41 22 338 82 70	Authorized officer Dorothée Mülhausen e-mail: pt01@wipo.int

From the
INTERNATIONAL SEARCHING AUTHORITY

PATENT COOPERATION TREATY

REC'D 02 MAY 2006

To:
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WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

(PCT Rule 43bis.1)

		Date of mailing (day/month/year) 28 APR 2006
Applicant's or agent's file reference ACRY20.PCT		FOR FURTHER ACTION See paragraph 2 below
International application No. PCT/US05/27261	International filing date (day/month/year) 01 August 2005 (01.08.2005)	Priority date (day/month/year) 30 July 2004 (30.07.2004)
International Patent Classification (IPC) or both national classification and IPC IPC: A01N 25/04(2006.01),25/34(2006.01) USPC: 424/78.07,404,422,618		
Applicant ACRYMED, INC.		

1. This opinion contains indications relating to the following items:

- | | | |
|-------------------------------------|--------------|--|
| <input checked="" type="checkbox"/> | Box No. I | Basis of the opinion |
| <input type="checkbox"/> | Box No. II | Priority |
| <input type="checkbox"/> | Box No. III | Non-establishment of opinion with regard to novelty, inventive step and industrial applicability |
| <input type="checkbox"/> | Box No. IV | Lack of unity of invention |
| <input checked="" type="checkbox"/> | Box No. V | Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement |
| <input type="checkbox"/> | Box No. VI | Certain documents cited |
| <input type="checkbox"/> | Box No. VII | Certain defects in the international application |
| <input type="checkbox"/> | Box No. VIII | Certain observations on the international application |

2. FURTHER ACTION

If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

Name and mailing address of the ISA/ US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (571) 273-3201	Date of completion of this opinion 03 March 2006 (03.03.2006)	Authorized Officer MARY MERCHANT Telephone No. 571-272-0600
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Form PCT/ISA/237 (cover sheet) (April 2005)

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/US05/27261

Box No. I Basis of this opinion

1. With regard to the **language**, this opinion has been established on the basis of:

- the international application in the language in which it was filed
 a translation of the international application into _____, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b)).

2. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:

a. type of material

- a sequence listing
 table(s) related to the sequence listing

b. format of material

- on paper
 in electronic form

c. time of filing/furnishing

- contained in the international application as filed.
 filed together with the international application in electronic form.
 furnished subsequently to this Authority for the purposes of search.

3. In addition, in the case that more than one version or copy of a sequence listing and/or table(s) relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.

4. Additional comments:

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.
PCT/US05/27261

Box No. V Reasoned statement under Rule 43 bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)

Claims 11-20

YES

Claims 1-10

NO

Inventive step (IS)

Claims NONE

YES

Claims 1-20

NO

Industrial applicability (IA)

Claims 1-20

YES

Claims NONE

NO

2. Citations and explanations:

Claims 11-20 meet the criteria set out in PCT Article 33(2)-(3), because the prior art does not teach or fairly suggest the specific methods of making the instant silver particles & coatings.

Claims 1-10 lack novelty under PCT Article 33(2) as being anticipated by SAWAN or MAWATARI, as both show the claimed silver aqueous compositions & processes.

Claims 1-20 lack an inventive step under PCT Article 33(3) as being obvious over SAWAN in view of MAWATARI, since both references teach making silver antimicrobial compositions for coating medical devices, and the processes can be used as modified by MAWATARI, yielding superior resistance to coated articles.

Claims 1-20 meet the criteria set out in PCT Article 33(4), and thus provide industrial applicability because the subject matter claimed can be made or used in industry.